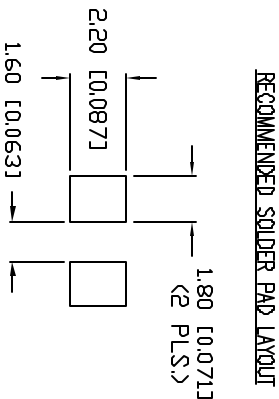
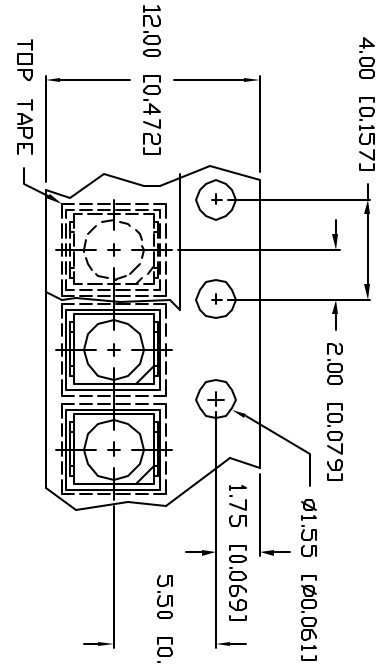
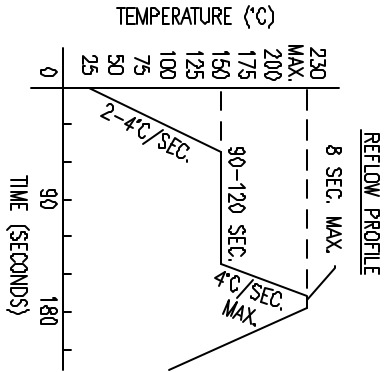
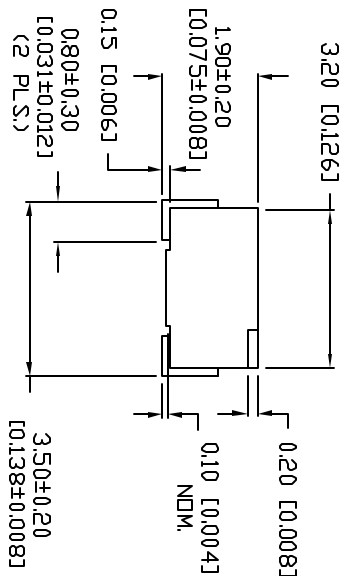
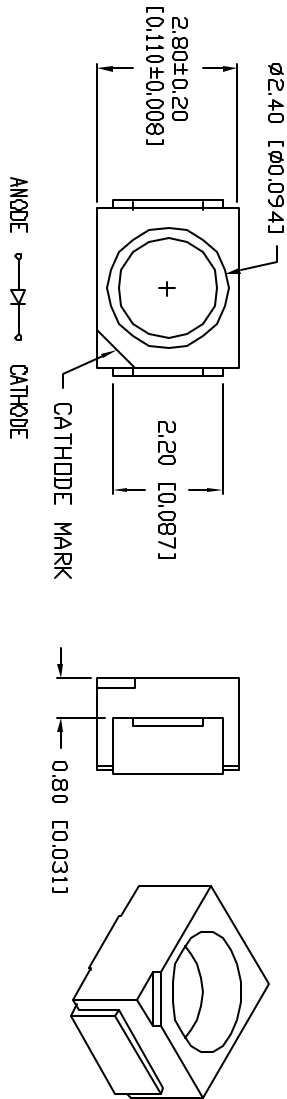


SML-LX2832Z1C/B-TR

PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_F=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	630			nm	
FORWARD VOLTAGE	2.4	2.8		V _F	
REVERSE VOLTAGE	5.0			V _R	$I_F=100\mu\text{A}$
AXIAL INTENSITY	650	800		mcad	$I_F=20\text{mA}$
VIEWING ANGLE	120			2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* $t < 10\mu\text{s}$

NOTES:

- 1,500 PIECES PER REEL.
- THE CATHODE IS ORIENTED TOWARDS THE TAPE SPRCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE
1. SHELF LIFE IN SEALED BAG:
12 MONTHS AT <40°C AND <90% RELATIVE HUMIDITY (RH).
2. AFTER THIS BAG IS OPENED, DEVICES HAVE TO BE MOUNTED WITHIN 48 HOURS OR STORED AT <30°C RH.

UNCONTROLLED DOCUMENT

REV.

PART NUMBER

SML-LX2832Z1C/B-TR

2.8mm x 3.2mm SURFACE MOUNT LED WITH REFLECTOR,
630nm TS AllinGap RED LED, WATER CLEAR LENS,
1,500 PIECES PER TAPE AND REEL.

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RELIABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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APPROVED BY: DATE: 5.24.02
PAGE: 1 OF 1
SCALE: N/A